

CLAIMS

What is claimed is:

1. A storage container, comprising:

a body;

a cover; and

a plurality of locking units to removably lock the cover to the body, each of the locking units having a plurality of locking positions so that the cover is locked to the body at a plurality of locked positions, thus allowing a storage space defined by the body and the cover to be variable according to the locked positions.

2. The storage container according to claim 1, wherein each of the locking units comprises:

a locking member provided at a side of the cover; and

a rotary member rotatably mounted at a side of the body and having a plurality of locking holes so that the locking member is inserted into one of the locking holes, thus locking the rotary member to the locking member.

3. The storage container according to claim 2, further comprising:  
a first hinge hole at each of two lower extensions formed at both corners of a lower end of the rotary member;

a bracket having a second hinge hole corresponding to the first hinge hole at a predetermined portion of the body so the bracket is placed between the two lower extensions of the rotary member; and

a hinge shaft fitted into the first and second hinge holes so that the rotary member is rotatably hinged to the body.

4. The storage container according to claim 2, wherein the locking holes are arranged on the rotary member along a vertical direction so the storage space defined by the cover and the body has a minimum volume when the locking member is inserted into a lowermost hinge hole, the storage space has a maximum volume when the locking member is inserted into an uppermost hinge hole, and the storage space has a middle volume when the locking member is inserted into a middle hinge hole.

5. The storage container according to claim 2, wherein the rotary member is made of an elastic material so that the locking member is elastically fitted into one of the locking holes.

6. The storage container according to claim 1, wherein a first handle is provided at a top surface of the cover.

7. The storage container according to claim 2, further comprising a second handle at an upper end of the rotary member to horizontally and outwardly extend from the upper end of the rotary member.

8. The storage container according to claim 2, further comprising:

a hinge hole at each of two lower extensions formed at both corners of a lower end of the rotary member; and

a bracket at a predetermined portion of the body and provided at both side ends thereof with hinge shafts corresponding to the hinge holes so the bracket is placed between the two lower extensions of the rotary member and the hinge shafts are fitted into the hinge holes so that the rotary member is rotatably hinged to the body.

9. An adjustable storage container, comprising:

a plurality of locking units to lock the storage container at different adjustable sizes, each of the locking units having a plurality of locking positions, thus allowing a storage space defined by the container to be variable according to the locked positions.

10. The adjustable storage container according to claim 9, wherein each of the locking units comprises:

a locking member at a side of the container; and  
a rotary member rotatably mounted adjacent to the locking member, and having a plurality of locking holes so that the locking member is inserted into one of the locking holes, thus locking the rotary member to the locking member.

11. The adjustable storage container according to claim 10, further comprising:
  - a first hinge hole at each of two lower extensions formed at both corners of a lower end of the rotary member;
  - a bracket having a second hinge hole corresponding to the first hinge hole provided at a predetermined portion of the container so the bracket is placed between the two lower extensions of the rotary member; and
  - a hinge shaft fitted into the first and second hinge holes so that the rotary member is rotatably hinged to the container.
12. The adjustable storage container according to claim 10, wherein the locking holes are arranged on the rotary member along a vertical direction so the storage space defined by the container has a minimum volume when the locking member is inserted into a lowermost hinge hole, the storage space has a maximum volume when the locking member is inserted into an uppermost hinge hole, and the storage space has a middle volume when the locking member is inserted into a middle hinge hole.
13. The adjustable storage container according to claim 10, wherein the rotary member is made of an elastic material so that the locking member is elastically fitted into one of the locking holes.
14. The adjustable storage container according to claim 10, further comprising:
  - a hinge hole at each of two lower extensions formed at both corners of a lower end of the rotary member; and
  - a bracket provided at a predetermined portion of the container and provided at both side ends

thereof with hinge shafts corresponding to the hinge holes so the bracket is placed between the two lower extensions of the rotary member and the hinge shafts are fitted into the hinge holes so that the rotary member is rotatably hinged to the container.